U.S. Patent and Tradement Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless 8 displ

APPLICATION AS AMENDED - PART II  Column 1) (Column 2) (Column 3) SMALL ENTITY  CLAIMS REMAINING AFTER AMENDMENT PREVIOUSLY PAID FOR  COLUMN 1) (Column 2) (Column 3) SMALL ENTITY  RATE (\$) ADDITIONAL FEE (\$)  X\$ 25	<u> </u>	PAICN	T APP	Su	ION FE	E DE	TERMINA	ΠO Effe	N RECO	RD iber 6	3. 2004		lopk	alion or Doc	J. N	control nur
## APPLICATION AS AMENDED — PART II    Column 1	10-1 42								SMALL ENTITY				OR	OTHER THAN SMALL ENTITY		THAN ENTITY
12 CER   1 (60   (8) or (c1)			NUMBER FILED		.ED	NUMBER EXTRA		-	RATE (S)		FEE A				_	
SEARCH FEE   OR OF   N/A	(37 CFR 1 16(a), (b), or (c))		NA		N/A		٦									
EXAMINATION FEE   10   10   10   10   10   10   10		(d, or (m))		N/A	T		N/A	٦	NA		<del> </del>					
TOTAL CLAIMS (D) CR 1 15(1)  APPLICATION SIZE FEE (1) STSC) (3125 or small entity) for each additional 50 sheets or paper, the application size fee due is \$250 (3125 or small entity) for each additional 50 sheets or faction thereof. See 35 U.S.C. 41(9)(1)(G) and 37 CFR 1.16(s).  MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(s))  APPLICATION AS AMENDED — PART II  CLAIMS REALINING REALINING REALINING AMENDENT PREVIOUSLY PREVIOUSLY FIRST PRESENTATION OF MALTIPLE DEPENDENT CLAIM (37 CFR 1.16(g))  Application Size Fee (37 CFR 1.16(s))  (Column 1)  (Column 2)  (Column 3)  (Column 3)  (Column 3)  (Column 4)  (Column 4)  (Column 5)  (Column 5)  (Column 6)  (Column 7)  (Column 7)  (Column 7)  (Column 7)  (Column 7)  (Column 8)  (Column 8)  (Column 1)  (Column 1)  (Column 1)  (Column 1)  (Column 2)  (Column 1)  (Column 2)  (Column 3)  (Column 4)  (Column 1)  (Column 2)  (Column 3)  (Column 3)  (Column 3)  (Column 3)  (Column 3)  (Column 4)  (Column 1)  (Column 1)  (Column 1)  (Column 1)  (Column 1)  (Column 2)  (Column 3)  (Column 4)  (Column 3)  (Column 3)  (Column 3)  (Column 3)  (Column 3)  (Column 4)  (Column 3)  (Column 3)  (Column 3)  (Column 3)  (Column 3)  (Column 4)  (Column 3)  (Column 3)  (Column 3)  (Column 4)  (Column 3)  (Column 4)  (Column 3)  (Column 4)  (Column 4)  (Column 4)  (Column 5)  (Column 7)  (Column 6)  (Column 7)  (Column 7	EXAMINATION FEE		NA			'N/A		$\dashv$	N/4			$\dashv$		NIA	_	
INDEPENDENT CLAIMS (2) CFR 1 16(N) (2) CFR 1 16(N)  APPLICATION SIZE FEE (3) TO FR 1 16(N)  APPLICATION SIZE FEE (3) TO FR 1 16(N)  MULTIPLE DEPENDENT CLAIM PRESENT (37 OF R 1 16(N))  If the difference in column 1 is less than zero, enter '70' in column 2.  APPLICATION AS AMENDED – PART II  CLAIMS REMAINING AMENDMENT PREVOUSLY AMENDMENT AMENDMENT PROPOSED  IN TOTAL  TOTAL  TOTAL  TOTAL  TOTAL  TOTAL  OR  OTHER THAN SMALL ENTITY  RATE (3) ADDI- TIONAL TOWN RATE (5) ADDI- TIONAL TOTAL  APPLICATION OF MALTIPLE DEPENDENT CLAIM (37 OFR 1.16(0))  FIRST PRESENTATION OF MALTIPLE DEPENDENT CLAIM (37 OFR 1.16(0))  APPLICATION O	TOTAL CLAIMS					_		$\dashv$			<b>≯100</b>	4		N/A		\$200
APPLICATION SIZE FEE (37 CR 1 16(4))  APPLICATION SIZE FEE (37 CR 1 16(4))  B \$250 (3125 for small entity) for each additional 50 sheets of paper, the application size fee due to start additional 50 sheets or fraction thereof. See 35 U.S. C. 41(9)(1)(G) and 37 CFR 1.16(5)  MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(6))  *# the difference in column 1 is less than zero, enter 'D' in column 2.  APPLICATION AS AMENDED — PART II  Column 1)  (Column 1)  (Column 2)  (Column 3)  CLAIMS AMENDED — PART II  CLAIMS AMENDED — PART II  CLAIMS AMENDER AMENDMENT  PREVIOUSLY PRESENT TONAL FEE (5)  ADDITIONAL FEE (5)  COMPAN 1)  (Column 1)  (Column 2)  (Column 2)  (Column 3)  CLAIMS AMENDMENT  APPLICATION  APPLICATION  APPLICATION  AND TOTAL ADDITIONAL FEE (5)  ADDITIONAL FEE (5)  ADDITIONAL FEE (6)  TOTAL ADDITIONAL FEE (7)  ADDITIONAL FEE (8)  ADDITIONAL FEE (9)	INDEPENDENT CLAIMS							+	<b>——</b>	-		- ∘	R		•	
### ### ### ### ### ### ### ### ### ##	APPLICATION :	SIZE	sheets Is \$250 addition	pecification of paper (\$125 ideal 50 sh	ion and d , the appl or small e leets or fr	ication ntity) faction	size fee due or each thereof See					1		X200	+	
APPLICATION AS AMENDED - PART II  (Column 1) (Column 2) (Column 3) SMALL ENTITY OR OTHER THAN SMALL ENTITY  RATE (3) ADDITIONAL FEE (5) RATE (5) ADDITIONAL FEE (5)  Total (2) CFR 1.18(1) (2) (Column 2) (Column 3)  Application Size Fee (37 CFR 1.16(2))  FIRST PRESENTATION OF MALTIPLE DEPENDENT CLAIM (37 CFR 1.16(0))  (Column 2) (Column 3)  (Column 3) (Column 3)  (Column 4) (Column 2) (Column 3)  (Column 5) (Column 6) (Column 7)  (Column 7) (Column 7) (Column 7)  (Column 7) (Colu									+180=			1	1	+360=	$\dagger$	
APPLICATION AS AMENDED - PART II  Column 1) (Column 2) (Column 3) SMALL ENTITY OR OTHER THAN SMALL ENTITY  RATE (\$) ADDITIONAL FEE (\$) ADDITIONAL FEE (\$) ADDITIONAL FEE (\$) ADDITIONAL FEE (\$)  Independent OF REMAINING AMENDMENT PAID FOR AMENDMENT PAID FOR TOTAL ADDITIONAL FEE (\$)  FIRST PRESENTATION OF MALTIPLE DEPENDENT CLAIM (37 CFR 1.16(0))  COLUMN APPLICATION OF MALTIPLE DEPENDENT CLAIM (37 CFR 1.16(0))  COLUMN AMENDMENT PRESENT PRESENT PRESENT PRESENT PRESENT PREVIOUSLY EXTRA PAID FOR TOTAL ADDITIONAL FEE (\$)  ADDITIONAL FEE (\$) ADDITIONAL FEE (\$)  FIRST PRESENTATION OF MALTIPLE DEPENDENT CLAIM (37 CFR 1.16(0))  Total OR AFTER PREVIOUSLY EXTRA PAID FOR AMENDMENT PAID FOR AMENDMENT PREVIOUSLY EXTRA PRESENTATION OF MALTIPLE DEPENDENT CLAIM (37 CFR 1.16(0))  RATER PRESENTATION OF MALTIPLE DEPENDENT CLAIM (37 CFR 1.16(0))  APPLICATION OF AMENDMENT PRESENT PRESENT PRESENTATION OF MALTIPLE DEPENDENT CLAIM (37 CFR 1.16(0))  APPLICATION OF AMENDMENT PRESENT PRESENT PRESENTATION OF MALTIPLE DEPENDENT CLAIM (37 CFR 1.16(0))  APPLICATION OF AMENDMENT PRESENT PRESENT PRESENTATION OF MALTIPLE DEPENDENT CLAIM (37 CFR 1.16(0))  APPLICATION OF AMENDMENT PRESENT P	If the difference in column 1 is less than zero, enter "O" in column 2.						n 7.	_	TOTAL			7	L	TOTAL	+	·
CLAIMS REMAINING AFTER AMENDMENT PREVIOUSLY PRESENT PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.160)  CCOlumn 1)  CCOlumn 2)  (Column 2)  (Column 3)  SMALL ENTITY  RATE (3)  ADDITONAL FEE (3)  RATE (5)  ADDITONAL FEE (5)  X\$ 25	APPLICATION AS AMENDED _ PART II							_	_				- JAIOIAL	L		
AFTER AMENDMENT PREVIOUSLY PAID FOR PREVIOUSLY PAID FOR TOTAL ADDITIONAL FEE (\$)  APPlication Size Fee (37 CFR 1.16(s))  COLUMN 1 (Column 2) (Column 3)  CLAIMS REMAINING AFTER AMENDMENT PAID FOR PAID FOR AFTER AMENDMENT PREVIOUSLY PAID FOR AFTER AMENDMENT PREVIOUSLY PAID FOR TOTAL TIONAL FEE (\$)  Independent OF REMAINING AFTER AMENDMENT PREVIOUSLY PAID FOR AMENDMENT PREVIOUSLY PAID FOR TOTAL TIONAL FEE (\$)  Independent OF REMAINING AFTER AMENDMENT PREVIOUSLY PAID FOR TOTAL TIONAL FEE (\$)  Independent OF REMAINING AFTER AMENDMENT PREVIOUSLY PAID FOR TOTAL TIONAL FEE (\$)  Independent OF REMAINING AFTER AMENDMENT PREVIOUSLY PAID FOR TOTAL TIONAL FEE (\$)  ADDITIONAL FEE (\$)  RATE (\$) ADDITIONAL FEE (\$)  RAT		C	AIMS	T	HIGH	€ST	T	7		T	ITITY	o≠ 7	`	OTHE SMALL	R T	HAN ITITY
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))	1	AME	FTER	Migus	PREVK PAID	OUSLY	EXTRA		RATE (\$)		TIONAL			RATE (\$)		TIONAL
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(0))  + 180 = TOTAL OR TOTAL ADO'L FEE  (COlumn 1) (Column 2) (Column 3)  CLAIMS REMAINING REMAINING AFTER AMENDMENT PRESENT PRESENT PRESENT FAID FOR TIONAL FEE (5)  Total (37 CFR 1.16(1))  Independent or or or (1.1801)  Application Size Fee (37 CFR 1.16(s))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(0))  + 180 = OR + 360 = TOTAL ADD'L FEE (5)  TOTAL OR TOTAL ADD'L FEE (5)  TOTAL OR TOTAL ADD'L FEE (5)  TOTAL OR TOTAL ADD'L FEE (5)  TOTAL ADD'L FEE (5)  TOTAL OR TOTAL ADD'L FEE (5)  TOTAL ADD'L FEE (5)  TOTAL OR TOTAL ADD'L FEE (5)	Of CFR 1.16(i)	1.0			1 8	$\leq$			X\$ 25	=	$\geq$	OR	7	(\$50 <u> </u>	1	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(ii))	Application 0		3_		1 ×	3	1.	)	X100			1	1	(200	T	<del></del>
TOTAL ADO'L FEE  (Column 1) (Column 2) (Cotumn 3)  CLAIMS REMAINING AFTER AMENOMENT NUMBER PREVIOUSLY PAID FOR PREVIOUSLY PAID FOR 1 (TIONAL FEE (\$))  Total at Company of the period of the paid of the paid for the	~											1 ~	-		$\vdash$	<del></del>
ADO'L FEE OR ADO'L FEE  (Column 1) (Column 2) (Column 3)  CLAIMS REMAINING AFTER AMENDMENT PREVIOUSLY PAID FOR EXTRA  Total (37 CFR 1.16(1)) " Minus "	FIRST PRES	O MOITATME	FMULTIPL	E DEPEND	ENT CLAIM	(37 C	FR 1,16(j)		+180=	1/		OR	Γ.	+360=		
CLAIMS REMAINING AFTER AMENDMENT PREVIOUSLY PAID FOR PREVIOUSLY PAID FOR TIONAL FEE (\$)  Total (p7 cra 1.16(1))									TOTAL ADD'L FEE			OR				
REMAINING AFTER AMENOMENT NUMBER PREVIOUSLY PAID FOR EXTRA  Total process (1.4(1))	<del></del> -						(Cotumn 3)	_	-							
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(0))  +180=  OR +360=  TOTAL  ADD'L FEE  OR TOTAL	-	REMA AF	UNING TER		NUMB PREVIO PAID F	ER USLY			RATE (S)		TONAL			RATE (S)		TIONAL '
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(0))  +180=  OR +360=  TOTAL  ADD'L FEE  OR TOTAL	D7 CFR 1.16(i)1	<u> </u>		Minus	•• .			Γ	X\$ 25 .	T			X	\$50 -		cc (3)
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(0))  +180=  OR +360=  TOTAL  ADD'L FEE  OR TOTAL	G7 CFR 1.18(h)).			1	•		•	1		T			-	<del></del>		
TOTAL OR TOTAL ADD'T FEE OR ADD'T FEE								L		1-		OR ·	~			
ADD'L FEE OR ADDIL		VTATION OF	MULTIPLE	DEPENDE	NT CLAIM	(37 CF)	R 1.16@)		+180=			OR	+	360=		
							_ <del></del>					OR -	TOT	TAL D'L FEF	-	

"If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1. This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, Including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1460.

E is less than 20, enter "20".